Sensor catalogue

Wireless sensor network

Build your own wireless sensor network with a combination of sensors of your choice. All sensors are pre-configured and ready to use, including the specially designed **Connect**.

You can easily install it yourself. Place the sensors in your greenhouse and start collecting data immediately through the platform on your PC or smartphone.

There are various mounting options available for the Connect and the sensors. Please ask your contact person for more information.

1. Network basics



Gateway

€ 799

Central access point for network connections. Supports up to 4000 sensors.



Repeater

€ 369

This signal amplifier enhances and expands the network for optimal connectivity of the sensors to the Gateway.



Connect*

Each 30MHz sensor comes with a Connect. The Connect sends measurements from the connected sensor to the 30MHz platform.

- Connect casing (LxWxH) 183x113x107mm
- Mounting bracket (LxWxH) 165x210x205mm



2. Choose your sensors

Soil monitoring



Substrate moisture sensor

€ 869

3-in-1 measurement

Monitor the volumetric water content, electrical conductivity, and temperature. Calibrations

are available for each substrate.



Soil moisture sensor

€ 679

€ 679

Measure the volumetric water content in potting soil and substrate.



Potted soil moisture sensor

Monitor the volumetric water content in agricultural soil and substrate.

Radiation monitoring



Net radiation sensor

€ 1999

Excluding bracket worth €349

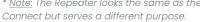
Measure net radiation: the balance between incoming and outgoing radiation that affects the health of the crop.



PAR sensor

€ 1179

Measure the intensity of natural or artificial light across the photosynthesis spectrum.



support@30mhz.com

^{*} Note: The Repeater looks the same as the



€ 1799

Climate monitoring



registered design & trademark of BARANI **DESIGN Technologies**

Pointed micro climate € 949

Combined sensors

Measures temperature, relative humidity, and plant temperature. Calculates VPD, dew point, absolute humidity, and moisture deficit.



€ 749 **Vented temperature** humidity sensor

This sensor measures the ambient temperature and relative humidity.



€ 599 Surface temperature sensor

Measure the plant temperature within the crop for better plantlevel control.



Temperature humidity € 569 sensor

Measure ambient temperature and relative humidity. Suitable in storage spaces for example.



Temperature probe € 549 sensor (PT 100)

Measure the temperature of crops in storage, liquids, or raw materials (different probe lengths available).



€ 1149 CO2 sensor Needs power connection

Monitor carbon dioxide levels 0-2000 ppm.



Airflow sensor € 1399

Measures air velocity and direction. So accurate that even the lowest wind speeds are measured.



RTR sensor set

Combined sensors

PAR sensor and vented temperature humidity sensor. Measures temperature, relative humidity, and radiation.



Photosynthesis efficiency sensor

€ 2699

Sendots photosynthesis efficiency sensor combined with the Connect.

Weather monitoring



Wind direction sensor

Suited for outdoor use

Gain more control over the airflow by measuring the wind direction



Wind speed sensor Suited for outdoor use

and other air currents.

€ 849

€ 849

Monitor the weather conditions. This sensor measures wind speeds up to 55 m/s

Aranet sensors



Aranet local network with data in 30MHz platform

 T/RH sensor € 105

 Shielded T/RH sensor € 335

• Soil moisture sensor € 795

CO2/temperature sensor € 335

3. Sensor data in your platform



Platform subscription € 99+ p/m* Local weather data included

Manage the sensor data, build graphs based on your cultivation strategy or use our applications.

*Other subscriptions

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